

FORM PTO-1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY Applicants(S) (Use several sheets if necessary)			ATTY DOCKET NO. <b>01272.020590.</b>		APPLICATION NO. <b>10/609,484</b>	
Date Submitted to PTO: <b>November 10, 2003</b>			Applicants <b>Kentaro YANO, et al.</b>			
FILING DATE <b>July 1, 2003</b>			GROUP <b>2861</b> <b>Unassigned</b>			

  

U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TD	6,536,890 B1	03/25/2003	Kato et al.	347	100	
	6,517,199 B1	02/11/2003	Tomioka et al.	347	101	
	6,460,989 B1	10/08/2002	Yano et al.	347	101	
	6,334,666 B1	01/01/2002	Inui et al.	347	43	
	6,123,411	09/26/2000	Inui et al.	347	43	
	6,074,052	06/13/2000	Inui et al.	347	101	
	5,754,194	05/19/1998	Endo et al.	347	15	
TD	5,640,187	06/17/1997	Kashiwazaki et al.	347	101	

  

FOREIGN PATENT DOCUMENTS						
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
1,595,122	03/29/1978	Great Britain			In English	
JP 8-72393 A	03/19/1996	Japan			Abstract and U.S. Counterparts	
JP 8-281974 A	10/29/1996	Japan			Abstract and U.S. Counterpart	
JP 8-224955 A	09/03/1996	Japan			Abstract	
JP 8-216386 A	08/27/1996	Japan			Abstract	
JP 6-92010 A	04/05/1994	Japan			Abstract and U.S. Counterpart	
JP 4-259590 A	09/16/1992	Japan			Abstract	
JP 64-9279 A	01/12/1989	Japan			Abstract	
JP 64-63185 A2	03/09/1989	Japan			Abstract	

  

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	
TD	Nikkei Electronics, no. 185, pp. 50-65 (May 1, 1978)

  

EXAMINER	DATE CONSIDERED
TD	12/06/04

communication to Applicants.

Sheet 1 of 3

FORM PTO 1449 (modified)		PRIORITY DOCKET NO. <b>01272.020590.</b>		APPLICATION NO. <b>10/609,484</b>	
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TD	5,618,338	04/08/1997	Kurabayashi et al.	106	26 R	
	5,521,621	05/28/1996	Endo et al.	347	15	
	5,159,349	10/27/1992	Endo et al.	346	33 A	
	5,122,814	06/16/1992	Endo et al.	346	33 R	
	4,849,774	07/18/1989	Endo et al.	346	140 R	
	4,740,796	04/26/1988	Endo et al.	346	1.1	
↓	4,694,302	09/15/1987	Hackleman et al.	346	1.1	
TD	4,459,600	07/10/1984	Sato et al.	346	140 R	

  

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
TD	JP 63-60783 A	03/16/1988	Japan			Abstract
	JP 63-299971 A	12/07/1988	Japan			Abstract
	JP 63-22681 A	01/30/1988	Japan			Abstract and U.S. Count rpart
	JP 61-59914 B2	12/18/1986	Japan			Abstract and U.S. Counterparts
	JP 61-59912 B2	12/18/1986	Japan			Abstract and U.S. Counterparts
	JP 61-59911 B2	12/18/1986	Japan			Abstract and U.S. Counterparts
↓	JP 58-16180 B2	03/30/1983	Japan			Abstract and Great Britain Counterpart
TD	JP 55-150396 A	01/22/1980	Japan			Abstract

  

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	

  

EXAMINER 	DATE CONSIDERED <b>62/6/04</b>
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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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TD	4,723,129	02/02/1988	Endo et al.	346	1.1	
TD	4,330,787	05/18/1982	Sato et al.	346	140 R	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
TD	JP 55-66976 A	05/20/1980	Japan			Abstract
TD	JP 55-65269 A	05/16/1980	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER *[Signature]* DATE CONSIDERED 12/16/04

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